

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	(US-20030130711-\$ or US-20060073457-\$ or US-20060047273-\$).did. or (US-7344533-\$ or US-7285090-\$ or US-7242988-\$ or US-7208005-\$ or US-7192284-\$ or US-5771181-\$ or US-4343300-\$ or US-5704791-\$ or US-4642055-\$ or US-7156664-\$ or US-6470302-\$ or US-6440126-\$ or US-7404715-\$ or US-6774912-\$).did. or (WO-9939317-\$ or WO-02070980-\$ or GB-2383890-\$ or GB-2252656-\$ or GB-2392000-\$ or GB-2409326-\$ or WO-03021553-\$ or GB-2380594-\$ or GB-2418521-\$ or WO-9620389-\$ or WO-03050783-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2011/07/05 15:19
L2	25	L1 @ad<="20031219"	US-PGPUB; USPAT; DERWENT	AND	ON	2011/07/05 15:19
L3	15	L1 @pd<="20031219"	US-PGPUB; USPAT; DERWENT	AND	ON	2011/07/05 15:19
L4	5	L3 keymed.as.	US-PGPUB; USPAT; DERWENT	AND	ON	2011/07/05 15:20
S1	1	GB-2409326-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:29
S2	1	GB-2384613-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:29
S3	1	WO-02070980-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:29
S4	1	WO-03058583-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:30
S5	1	GB-2252656-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:30

S6	1	GB-2392000-\$.did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:32
S8	1	WO-2005059866-\$.did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:32
S10	3353	(G09B23/00).IPCR.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2010/03/01 11:34
S11	1485	(G09B23/28).IPCR.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2010/03/01 11:34
S13	2962	S10 or S11	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:35
S14	2209	S13 @pd<="20031219"	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:35
S15	5	(S2 or S3 or S4 or S5 or S6)	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:56
S16	0	S15 (detach\$4 or twist\$4 or untwist)	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:56
S17	1	S15 (umbilical)	US-PGPUB; USPAT; DERWENT	AND	ON	2010/03/01 11:57
S19	1	("20010016804").PN.	US-PGPUB; USPAT	OR	OFF	2010/03/01 12:11
S20	1092	(434/262,267,272).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/03/01 12:16
S22	643	S20 @ad<="20031219"	US-PGPUB; USPAT	AND	ON	2010/03/01 12:17
S23	423	S22 (remov\$4 or detach\$4 or twist\$4 or untwist\$4 or disconnect\$4)	US-PGPUB; USPAT	AND	ON	2010/03/01 12:18
S25	355	S23 (\$7scope or \$7scopic)	US-PGPUB; USPAT	AND	ON	2010/03/01 12:19
S26	40	S22 ((remov\$4 or detach\$4 or twist\$4 or untwist\$4 or disconnect\$4) with (\$7scope or \$7scopic))	US-PGPUB; USPAT	AND	ON	2010/03/01 12:19
S27	1143	(434/262,267,272).CCLS.	US-PGPUB; USPAT	OR	OFF	2010/08/06 13:33
S28	647	S27 @ad<="20031219"	US-PGPUB; USPAT	AND	ON	2010/08/06 13:33

S29	15	S28 ((umbilical))	US-PGPUB; USPAT	AND	ON	2010/08/06 13:33
S30	7123	(dummy or simulat\$3) instrument (angle or angulation or position or orientation) (cable or wire or cord or tether) connector	US-PGPUB; USPAT	AND	ON	2010/08/06 13:41
S31	3644	S30 @ad<= "20031219"	US-PGPUB; USPAT	AND	ON	2010/08/06 13:41
S32	1107	S31 medical	US-PGPUB; USPAT	AND	ON	2010/08/06 13:42
S33	5436	S32 tactile or (force adj feedback)	US-PGPUB; USPAT	AND	ON	2010/08/06 13:42
S34	140	S32 (tactile or (force adj feedback))	US-PGPUB; USPAT	AND	ON	2010/08/06 13:42
S35	124	S34 (remov\$4 or detach\$4 or twist\$4 or untwist\$4 or disconnect\$4)	US-PGPUB; USPAT	AND	ON	2010/08/06 13:43
S36	1	("20030130711").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2010/08/06 13:55
S37	12	(US-20030130711-\$).did. or (US-7344533-\$ or US- 7285090-\$ or US-7242988-\$ or US-7208005-\$ or US- 7192284-\$).did. or (WO- 9939317-\$ or WO-02070980- \$ or GB-2383890-\$ or GB- 2252656-\$ or GB-2392000-\$ or GB-2409326-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/08/06 15:20
S38	17	(US-20030130711-\$).did. or (US-7344533-\$ or US- 7285090-\$ or US-7242988-\$ or US-7208005-\$ or US- 7192284-\$).did. or (WO- 9939317-\$ or WO-02070980- \$ or GB-2383890-\$ or GB- 2252656-\$ or GB-2392000-\$ or GB-2409326-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/08/06 15:21
S39	5	S38 loop	US-PGPUB; USPAT; DERWENT	AND	ON	2010/08/06 15:21
S40	1	"6929481".pn. tension	US-PGPUB; USPAT; DERWENT	AND	ON	2010/08/15 22:04
S41	0	"6929481".pn. resolution	US-PGPUB; USPAT; DERWENT	AND	ON	2010/08/15 22:06
S42	1	"6929481".pn. encoder	US-PGPUB; USPAT; DERWENT	AND	ON	2010/08/15 22:06

S43	1	("5771181").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/01/12 14:58
S44	1	("2005128822").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/01/12 16:15
S45	1	("20050128822").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/01/12 16:15
S46	168	US-20070254272-\$.DID. OR US-7100690-\$.DID. OR US- 4333196-\$.DID. OR US- 7156664-\$.DID. OR US- 7328741-\$.DID. OR US- 20050042588-\$.DID. OR US- 20030212425-\$.DID. OR US- 20060073457-\$.DID. OR US- 20040173352-\$.DID. OR US- 20080306489-\$.DID. OR US- 20060047273-\$.DID. OR US- 5047036-\$.DID. OR US- 20060065401-\$.DID. OR US- 7566825-\$.DID. OR US- 20060146172-\$.DID. OR US- 20090064845-\$.DID. OR US- 20090036893-\$.DID. OR US- 20090088674-\$.DID. OR US- 5136196-\$.DID. OR US- 4648401-\$.DID. OR US- 7007625-\$.DID. OR US- 5462555-\$.DID. OR US- 7082994-\$.DID. OR US- 6780195-\$.DID. OR US- 20050066871-\$.DID. OR US- 20020169459-\$.DID. OR US- 20060226668-\$.DID. OR US- 20060129029-\$.DID. OR US- 20030167997-\$.DID. OR US- 5122067-\$.DID. OR US- 6086600-\$.DID. OR US- 20090298008-\$.DID. OR US- 3792421-\$.DID. OR US- 4856517-\$.DID. OR US- 7036773-\$.DID. OR US- 4631881-\$.DID. OR US- 7246567-\$.DID. OR US- 5356360-\$.DID. OR US- 7810555-\$.DID. OR US- 5833499-\$.DID. OR US- 20020083880-\$.DID. OR US- 6234671-\$.DID. OR US- 20040083940-\$.DID. OR US- 6846285-\$.DID. OR US-	US-PGPUB; USPAT; DERWENT	AND	ON	2011/01/12 16:18

	20050045771-\$..DID. OR US-
	6925260-\$..DID. OR US-
	20050204992-\$..DID. OR US-
	7104951-\$..DID. OR US-
	20070175642-\$..DID. OR US-
	20020032365-\$..DID. OR US-
	20080105112-\$..DID. OR US-
	20020048346-\$..DID. OR US-
	3726176-\$..DID. OR US-
	20040054259-\$..DID. OR US-
	3726177-\$..DID. OR US-
	20060047282-\$..DID. OR US-
	4618826-\$..DID. OR US-
	5763806-\$..DID. OR US-
	20020035370-\$..DID. OR US-
	6776616-\$..DID. OR US-
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	7276075-\$..DID. OR US-
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	20030224324-\$..DID. OR US-
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	5127915-\$..DID. OR US-
	4245383-\$..DID. OR US-
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	4271761-\$..DID.

S47	96	US-20070254272-\$.DID. OR US-7100690-\$.DID. OR US- 4333196-\$.DID. OR US- 7156664-\$.DID. OR US- 7328741-\$.DID. OR US- 20050042588-\$.DID. OR US- 20030212425-\$.DID. OR US- 20060073457-\$.DID. OR US- 20040173352-\$.DID. OR US- 20080306489-\$.DID. OR US- 20060047273-\$.DID. OR US- 5047036-\$.DID. OR US- 20060065401-\$.DID. OR US- 7566825-\$.DID. OR US- 20060146172-\$.DID. OR US- 20090064845-\$.DID. OR US- 20090036893-\$.DID. OR US- 20090088674-\$.DID. OR US- 5136196-\$.DID. OR US- 4648401-\$.DID. OR US- 7007625-\$.DID. OR US- 5462555-\$.DID. OR US- 7082994-\$.DID. OR US- 6780195-\$.DID. OR US- 20050066871-\$.DID. OR US- 20020169459-\$.DID. OR US- 20060226668-\$.DID. OR US- 20060129029-\$.DID. OR US- 20030167997-\$.DID. OR US- 5122067-\$.DID. OR US- 6086600-\$.DID. OR US- 20090298008-\$.DID. OR US- 3792421-\$.DID. OR US- 4856517-\$.DID. OR US- 7036773-\$.DID. OR US- 4631881-\$.DID. OR US- 7246567-\$.DID. OR US- 5356360-\$.DID. OR US- 7810555-\$.DID. OR US- 5833499-\$.DID. OR US- 20020083880-\$.DID. OR US- 6234671-\$.DID. OR US- 20040083940-\$.DID. OR US- 6846285-\$.DID. OR US- 20050045771-\$.DID. OR US- 6925260-\$.DID. OR US- 20050204992-\$.DID. OR US- 7104951-\$.DID. OR US- 20070175642-\$.DID. OR US- 20020032365-\$.DID. OR US- 20080105112-\$.DID. OR US- 20020048346-\$.DID. OR US- 3726176-\$.DID. OR US- 20040054259-\$.DID. OR US- 3726177-\$.DID. OR US- 20060047282-\$.DID. OR US- 4618826-\$.DID. OR US- 5763806-\$.DID. OR US- 20020035370-\$.DID. OR US- 6776616-\$.DID. OR US-	US-PPGUB; USPAT	AND	ON	2011/01/12 16:18
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		20040010271-\$ DID. OR US-6920347-\$ DID. OR US-20080294191-\$ DID. OR US-7001389-\$ DID. OR US-3695377-\$ DID. OR US-7265844-\$ DID. OR US-3986442-\$ DID. OR US-7276075-\$ DID. OR US-4018304-\$ DID. OR US-20030224324-\$ DID. OR US-4094159-\$ DID. OR US-20040064185-\$ DID. OR US-4108353-\$ DID. OR US-20040201849-\$ DID. OR US-4109852-\$ DID. OR US-20050283173-\$ DID. OR US-4109854-\$ DID. OR US-20060074431-\$ DID. OR US-4111356-\$ DID. OR US-20060224120-\$ DID. OR US-4114802-\$ DID. OR US-20080039719-\$ DID. OR US-4120449-\$ DID. OR US-20090082720-\$ DID. OR US-4140114-\$ DID. OR US-4194684-\$ DID. OR US-3801126-\$ DID. OR US-4196307-\$ DID. OR US-3930664-\$ DID. OR US-4217066-\$ DID. OR US-4930595-\$ DID. OR US-4224804-\$ DID. OR US-5127915-\$ DID. OR US-4245383-\$ DID. OR US-5293119-\$ DID. OR US-4271761-\$ DID.				
S48	8	(("6929481") or ("4343300") or ("4642055") or ("7156664") or ("5704791") or ("6255846") or ("6106494")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/01/12 16:35
S49	12	("6106301"   "6113395"   "6135947"   "6470302"   "6654000"   "6863536"   "6902405"   "6929481"   "7056123"   "7060025").PN. OR ("7156664").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/12 17:13
S50	73	(S47 or S48 or S49) (detach \$4 or releas\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/12 17:20
S51	76	(S47 or S48 or S49) (connector or plug or jack or port)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/12 17:21
S52	25	S51 (twist\$3 or tangl\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/12 17:30

S53	2	(("6746445") or ("6440126")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/01/12 17:32
S54	10	(S47 or S48 or S49) ((partial \$2 or full\$2) with (detach\$4 or releas\$4))	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/12 17:51
S55	1	WO-03021553-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2011/01/12 17:54
S56	96	(Wallaker.in. or keymed.as.)	US-PGPUB; USPAT; DERWENT	AND	ON	2011/01/12 18:10
S57	1	("6929481").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/04/25 13:18
S58	7759	(dummy or simulat\$3) instrument (angle or angulation or position or orientation) (cable or wire or cord or tether) connector	US-PGPUB; USPAT	AND	ON	2011/04/25 13:38
S59	3666	S58 @ad<="20031219"	US-PGPUB; USPAT	AND	ON	2011/04/25 13:38
S60	5	S59 @pd>="20110211"	US-PGPUB; USPAT	AND	ON	2011/04/25 13:38
S61	1228	(434/262,267,272).CCLS.	US-PGPUB; USPAT	OR	OFF	2011/04/25 13:38
S62	653	S61 @ad<="20031219"	US-PGPUB; USPAT	AND	ON	2011/04/25 13:38
S63	0	S62 @pd>="20110211"	US-PGPUB; USPAT	AND	ON	2011/04/25 13:38
S64	6	S62 @pd>="20100817"	US-PGPUB; USPAT	AND	ON	2011/04/25 13:39
S65	1	GB-2252656-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/23 15:43
S66	98	(Wallaker.in. or keymed.as.)	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/27 12:41
S67	80	S66 (@ad<="20041216" or @pd<="20041216")	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/27 12:41
S68	4	S67 (cable same loop)	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/27 12:42
S69	71	(keymed.as.) (@ad<="20041216" or @pd<="20041216")	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/27 12:52

S70	1	WO-03050783-\$ did.	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/27 14:15
S71	0	matrox.as. (triple or three or "3") adj screen	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/29 16:07
S72	4	matrox.as. (triple or three or "3") same screen	US-PGPUB; USPAT; DERWENT	AND	ON	2011/06/29 16:08
S73	1	("7877246").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/29 16:16
S74	1	("7877346").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	OFF	2011/06/29 16:16

**EAST Search History (Interference)**

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7/5/2011 3:23:27 PM

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